

02/15/2005
FEB 15 2005

15:32

LSI LOGIC LEGAL IP → 917037464000

NO. 394 0003

PART B - FEE(S) TRANSMITTAL

Complete and seal this form, together with applicable fee(s), to: **Mail**
Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
or **Fax** (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 01/04/2005

LSI Logic Corporation
 1551 McCarthy Boulevard
 Milpitas, CA 95035

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

 Certificate of Mailing or Transmission
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

 Connie del Castillo
 Connie del Castillo
 2/15/05

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/626,366	07/23/2003	Hong Tee Lim	03-0466/LSIIP225	1217

TITLE OF INVENTION: INTEGRATED CIRCUIT PACKAGE AND METHOD FOR A PBGA PACKAGE HAVING A MULTIPLICITY OF STAGGERED POWER RING SEGMENTS FOR POWER CONNECTION TO INTEGRATED CIRCUIT DIE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	04/04/2005
EXAMINER		ART UNIT	CLASS-SUBCLASS		
PAREKH, NITIN		2811	257-692000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Beyer Weaver & Thomas, LLP
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

LSI Logic Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Milpitas, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 12-2252 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Henry GrothDate 2/11/2005Typed or printed name Henry GrothRegistration No. 39,696

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PAGE 3/8 * RCVD AT 2/15/2005 6:35:27 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-2/0 * DNIS:7464000 * CSID:4084337460 * DURATION (mm:ss):03:34 * COMMERCE
 02/16/2005 JBALINA2 00000102 122252 10626366

01 FC:1501 1400.00 DA

60/15/2005
FEB 15 2005
JC4044
PATENT & TRADEMARK OFFICE

15:32

LSI LOGIC LEGAL IP → 917037464000

NO. 394 0002

PTO/SB/17

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT **(\$1330.00)**

Complete if Known

Application Number	10/626,366
Filing Date	July-23, 2003
First Named Inventor	Hong Lim
Group Art Unit	2811
Examiner Name	Nitin Parekh
Attorney Docket No.	LSI1P225 / 03-0466

BEST AVAILABLE COPY

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account Number **12-2252**

Deposit Account Number **LSI LOGIC CORPORATION**

Charge Any Additional Fee required Under 37

Charge the Issue Fee Set in 37 C.F.R. 1.18 at the Mailing of the Notice of

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Large Entity Fee Code (\$)	Fee Description	Fee Paid
101	790	201	395
106	330	208	165
107	540	207	270
108	790	208	395
114	150	214	75

SUBTOTAL (1) (\$ 0.00)

2. EXTRA CLAIM FEES

Total claim	-20**=	X	Fee from below	Fee Paid
Independent Claims	-3**=	X		
Multiple Dependent				

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Large Entity Fee Code (\$)	Fee Description	Fee Paid
103	22	203	11
102	82	202	41
104	270	204	135
108	82	209	41
110	22	210	11

SUBTOTAL (2) (\$ 0.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Large Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	85
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	950	217	475
118	1510	218	755
126	2,000	228	1,030
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,320	241	660
142	1,320	242	660
143	450	243	225
144	670	244	335
122	130	122	130
123	50	123	50
126	240	126	240
581	40	581	40
146	790	246	395
148	790	248	395
Other fee (specify)		PUBLICATION FE	
Other fee (specify)			

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$1330.00)**

SUBMITTED BY

Typed or printed name	Henry Groth	Reg. Number	39,696
Signature	<i>Henry Groth</i>	Date	3/11/2005

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PAGE 28 * RCVD AT 2/15/2005 6:35:27 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-2/0 * DNI:7464000 * CSID:4084337460 * DURATION (mm:ss):03:34